

Title (en)

A blind rivet and fastening method thereof

Title (de)

Blindniet und zugehörige Befestigungsmethode

Title (fr)

Rivet aveugle et son procédé de fixation

Publication

EP 2453142 B1 20160824 (EN)

Application

EP 11189089 A 20111115

Priority

JP 2010255623 A 20101116

Abstract (en)

[origin: EP2453142A1] The blind rivet for fastening together a plurality of mounted components with mounting holes comprises a rivet body (10) having a sleeve (11), a flange (12) and a through hole (13); a mandrel (20) having a slender stem (21) and a head (23); and a washer (30). The head (23) of the mandrel (20) is arranged adjacent to the sleeve-side end portion (14) of the rivet body (10), the stem (21) of the mandrel (20) is configured so as to extend through the rivet body (10), and the washer (30) is mounted near the flange (12) on the outer periphery of the sleeve (11) of the rivet body (10). A portion of the outer peripheral surface of the sleeve (11) adjacent to the flange (12) is swaged to form a recessed portion (16) so that the outer diameter in the other position is enlarged. The washer (30) is pushed onto the enlarged-diameter portion and secured. The mounted components are fastened together between an enlarged-diameter end portion of the sleeve (11) and the washer (30).

IPC 8 full level

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CPC (source: EP US)

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Cited by

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